CLAIMS

1. Process for manufacturing a transparent article with gas-barrier properties by coextrusion blow-molding, the said article comprising at least a structure of the type: layer of EVOH/tie layer/layer of glycolised copolyester.
2. Process according to claim 1, wherein the said article comprises at least a structure of the type: layer of EVOH/tie layer/layer of PETG as glycolised copolyester.
3. Process according to claim 1 or 2 in which the tie is a composition comprising at least a PE homopolymer or copolymer grafted with a grafting monomer chosen from unsaturated carboxylic acids and derivatives thereof.
4. Multilayer structure comprising at least:

- one layer of coextrusion tie (L) comprising:

- 5% to 35 % by weight of a polymer (A) which itself consists of a blend of 80% to 20% by weight of a metallocene polyethylene (A1) with a density of between 0.863 and 0.915 and from 20% to 80% by weight of a non-metallocene LLDPE polyethylene (A2) with a density of between 0.900 and 0.950, the blend of polymers (A1) and (A2) being co-grafted with a grafting monomer chosen from unsaturated carboxylic acids and derivatives thereof, the content of the grafting monomer in the said blend being between 30 and 100 000 ppm and preferably between 600 and 5000 ppm:
- 95% to 65% by weight of polyethylene homopolymer or copolymer (B), the comonomer of which contains 3 to 20 carbon atoms and preferably 4 to 8 carbon atoms, the MFI, melt flow index measured under 2.16 kg at 190°C according to ASTM standard D1238, of which is between 0.5 and 30 and preferably between 3 and 15 g/10 minutes;

the total being 100%, the blend of (A) and (B) being such that its MFI is between 0.1 and 15 and preferably between 1 and 13 g /10 minutes;

- one layer of glycolised polyester copolymer (E).

5. Structure according to Claim 4, wherein glycolised polyester copolymer is PETG.

6. Structure according to Claim 4 or 5, also comprising a layer of barrier material (F).

7. Structure according to Claim 6, characterized in that the layer of barrier material is a layer of EVOH.

8. Article comprising a structure according to one of Claims 4 to 7.

9. Article according to Claim 8, characterized in that it is a bottle, a hollow body or a container.